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INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/09901

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68 C12N15/10 C12N15/66

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, MEDLINE, BIOSIS, EMBASE, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>RYO A ET AL: "A modified serial analysis of gene expression that generates longer sequence tags by nonpalindromic cohesive linker ligation."</p> <p>ANALYTICAL BIOCHEMISTRY. UNITED STATES 1 JAN 2000, vol. 277, no. 1, 1 January 2000 (2000-01-01), pages 160-162, XP002260215</p> <p>ISSN: 0003-2697</p> <p>page 160 -page 162; figure 1; table 1</p> <p>---</p> <p>-/--</p>	1-53



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

4 November 2003

Date of mailing of the international search report

12/12/2003

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/09901

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	LAKEN S J ET AL: "Genotyping by mass spectrometric analysis of short DNA fragments" NATURE BIOTECHNOLOGY, NATURE PUBLISHING, US, vol. 16, pages 1352-1356, XP002138136 ISSN: 1087-0156 abstract; figure 1	1-53
Y	US 6 136 537 A (MACEVICZ STEPHEN C) 24 October 2000 (2000-10-24) claims 1-8	1-53
Y	US 5 710 000 A (GINGERAS THOMAS R ET AL) 20 January 1998 (1998-01-20) column 6, line 35 -column 7, line 27; claims 1-11; figure 1	1-53
X	WO 98 14619 A (COCKS BENJAMIN GRAEME ;INCYTE PHARMA INC (US); CHUNG ALICIA (US);) 9 April 1998 (1998-04-09) claims 1-48; figures 1-15	26-49
A		1-25, 50-53
X	YAMAMOTO M ET AL: "Use of serial analysis of gene expression (SAGE) technology" JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V.,AMSTERDAM, NL, vol. 250, no. 1-2, 1 April 2001 (2001-04-01), pages 45-66, XP004230694 ISSN: 0022-1759 page 55 -page 64; tables 1-6	31-49
A	the whole document	1-30, 50-53
X	RYO A ET AL: "Serial analysis of gene expression in HIV-1-infected T cell lines" FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 462, no. 1-2, 26 November 1999 (1999-11-26), pages 182-186, XP004260612 ISSN: 0014-5793 abstract; tables 2,3	31-49
A	the whole document	1-30, 50-53
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	POWELL J: "Enhanced concatemer cloning-a modification to the SAGE (Serial Analysis of Gene Expression) technique." NUCLEIC ACIDS RESEARCH. ENGLAND 15 JUL 1998, vol. 26, no. 14, 15 July 1998 (1998-07-15), pages 3445-3446, XP002260216 ISSN: 0305-1048 figure 1	36-49
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A	abstract; claims 1-22; figures 1-4	1-35, 50-53
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A	YAMAMOTO MIKIO: "'Gene expression profiling using improved SAGE!" RINSHO BYORI. THE JAPANESE JOURNAL OF CLINICAL PATHOLOGY. JAPAN JAN 2002, vol. 50, no. 1, January 2002 (2002-01), pages 52-60, XP008023957 ISSN: 0047-1860 the whole document	1-53
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